

## Haematology Rotation - MSC STP Year 1

21/06/2012 Professional Discussion [REDACTED] facilitated by .....

### Competencies' covered HT1 2.1, 2.2, 2.3

I met with [REDACTED] today and she talked me through her understanding of Request forms, Reports and Data Interpretation and then observed her performance with 3 common Laboratory techniques.

#### HT1\_2.3 Performance

- I observed [REDACTED] following SOP'S and asked supplementary questions of her understanding of the procedures. I have assessed \*\*\*\* in the respect of the level of skills and understanding required for this competency during this year one rotations in Haematology and she has achieved this
- [REDACTED] competently set up and ran a batch of ESR's on the Vescube automated analyser following the SOP and was able to verbalise the principle of the test and the limitations of the test. \*\*\*\* followed up by showing me the alternative manual method following the appropriate SOP
- [REDACTED] walked me through a FBC sample journey traversing the Sysmex HST track system and verbalised the IT processes involved in production of results. [REDACTED] reviewed Sysmex XE FBC analysers as she had previously used them in her Biomedical Science Role.
- As part of the above learning walk [REDACTED] showed me the automated Film maker and alternative manual method and talked me through her understanding of Romanowsky staining and automated rules for Film making. [REDACTED] compared this with the local laboratory processes for Staining of Bone Marrow films

#### HT1\_2.1/2.2 Request form, Reports and data Interpretation

- These aspects of the competencies were covered during the Professional discussion in which \*\*\*\* talked me through a request and end report for two case studies. A newly diagnosed Haematology malignancy in a paediatric patient and an antenatal haemoglobinopathy screening case
- The discussion around request forms included Positive patient ID, Patient data used as filters for reference ranges, the importance of locations for urgent reporting back and most importantly Clinical Information that impacts on interpretation of meaning of results in context to Individual patient cases.
- \*\*\*\* explained the guidelines that were used for report formatting such as CPA standards and National Guidelines. \*\*\*\* talked about NICE guidelines for reporting of malignancy cases and how this was complicated at this site in relation to adult and paediatric oncology being separate. The national and local policies and processes forcing issue on reporting formats
- Finally \*\*\*\* talked through the case study data including laboratory data reports and final Patient report. We looked at Haemoglobinopathies and malignant haematology being high order skilled reporting that would suit the development of the Healthcare Science Role in Haematology
- I filled in some background knowledge in a tutorial format and will follow up with more in depth training on return to subject in Year 2
- Arrange a tour for newborn screening with North Bristol Trust

Signed:

22/06/2012